

Rabbit RYK Polyclonal Antibody | anti-RYK antibody

RYK Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285640	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

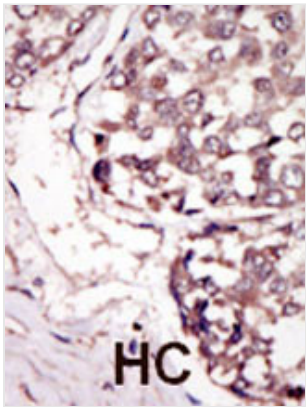
PRODUCT SYNONYMS

RYK; Polyclonal Antibody; RYK Antibody (C-term); Tyrosine-protein kinase RYK; JTK5A; anti-RYK antibody

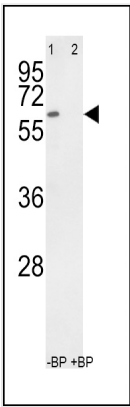
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RYK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 561-591 amino acids from the C-terminal region of human RYK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.5 (varies by lot)
Sequence Positions	561-591
Sequence Length	610
Applicable Applications for anti-RYK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-hRYK-W576 Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in 293 cell line lysate. hRYK-W576(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RYK antibody	RYK is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. A nine nucleotide insertion in some transcripts results in the SLG variant. It is not established whether this is a product of alternative splicing or a second gene, since evidence for a second gene or pseudogene on chromosome 17 exists.
Product Categories/Family for anti-RYK antibody	Signal Transduction
References	Trivier, E., et al., J. Biol. Chem. 277(25):23037-23043 (2002). Katso, R.M., et al., Mol. Cell. Biol. 19(9):6427-6440 (1999). Wang, X.C., et al., Mol. Med. 2(2):189-203 (1996). Tamagnone, L., et al., Oncogene 8(7):2009-2014 (1993). Stacker, S.A., et al., Oncogene 8(5):1347-1356 (1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607020
NCBI GeneID	6259
NCBI Accession #	NP_001005861.1; NP_002949.2
NCBI GenBank Nucleotide #	NM_001005861.2
UniProt Accession #	P34925; Q04696
Molecular Weight	67507
NCBI Official Full Name	tyrosine-protein kinase RYK isoform 1
NCBI Official Synonym Full Names	receptor-like tyrosine kinase
NCBI Official Symbol	RYK
NCBI Official Synonym Symbols	JTK5; RYK1; JTK5A; D3S3195
NCBI Protein Information	tyrosine-protein kinase RYK
UniProt Protein Name	Tyrosine-protein kinase RYK

UniProt Gene Name	RYK
UniProt Synonym Gene Names	JTK5A
UniProt Entry Name	RYK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ryk-antibody-immunohistochemistry-western-blot-elisa/285640>